

Title (en)  
Laser system with an optical cable connector

Title (de)  
Lasersystem mit einem optischen Kabelverbindungselement

Title (fr)  
Système laser avec un connecteur de câble

Publication  
**EP 2196833 A3 20110622 (EN)**

Application  
**EP 09252777 A 20091214**

Priority  
KR 20080126774 A 20081212

Abstract (en)  
[origin: EP2196833A2] A laser system (100) including an optical cable jumper(10) with input and output terminals, and a laser gun (30), wherein the optical jumper (10) transmits a laser beam from a bundle-type optical cable (1) connected to an input terminal thereof to a single-type optical cable (2) connected to an output terminal thereof. The laser gun (30) is connected to the single-type optical cable (2) at a rear of the optical cable jumper (10) to illuminate the laser beam to a target object.

IPC 8 full level  
**G02B 6/24** (2006.01); **G02B 6/42** (2006.01); **G02B 6/32** (2006.01)

CPC (source: EP KR US)  
**B23K 26/035** (2015.10 - KR); **G02B 6/26** (2013.01 - KR); **G02B 6/32** (2013.01 - EP US); **G02B 6/4204** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5068515 A 19911126 - VAN DEN BERGH HUBERT [CH], et al
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2196833 A2 20100616; EP 2196833 A3 20110622; EP 2196833 B1 20151111**; CN 101752774 A 20100623; CN 101752774 B 20120530; JP 2010140030 A 20100624; KR 100982308 B1 20100915; KR 20100068079 A 20100622; US 2010150201 A1 20100617; US 8295662 B2 20121023

DOCDB simple family (application)  
**EP 09252777 A 20091214**; CN 200910254265 A 20091214; JP 2009279708 A 20091209; KR 20080126774 A 20081212; US 63599109 A 20091211